BARTON-UPON-IRWELL
RURAL DISTRICT COUNCIL.

ANNUAL REPORT

FOR 1907.

BY

ALBERT EDWARD BERRY, M.D. (Lond.),
(Medical Officer of Health),

A. H. MOUNTAIN (Assoc. Mem. Inst. C.E.),
(Surveyor),

GEORGE PILKINGTON (Cert. San. Inspt.;
Cert. Meat and other Foods Inspt.),
(Sanitary Inspector).

Issued by the Barton-upon-Irwell Rural District Council
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MEDICAL OFFICER'S REPORT.

PATRICROFT,

February 12th, 1908.

To the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I have the honour of submitting to you my Eighth Annual Report on the health and sanitary condition of your district for the year 1907.

AREA AND POPULATION.

The acreage and population of the several Townships in the district for the year 1907, are as follows:—

TOWNSHIP	Area in Acres	Population, 1901	Estimated Population, 1907
Barton Moss	1407	234	234
Davyhulme	2701	1231	1370
Flixton	1564	3656	4320
Clifton	1193	2947	3106
Whole District	6865	8068	9030

BIRTHS.

The number of births registered during the year was 241, or 23 more than in the previous year, and the birth rate for the year was 26 per 1,000 population. The average birth rate for the previous ten years was 25.

The sex of the children born and the birth rates of the several Townships are given in the following Table :—

Township	Males	Females	Total	Birth Rate
Barton Moss	1	4	5	21
Davyhulme	20	16	36	26
Flixton	49	80	129	29
Clifton	30	41	71	22
Whole District	100	141	241	26

DEATHS.

The number of deaths registered during the year was 127, or 31 more than in the previous year; the death rate for the year was 14 per thousand living; 12 deaths of residents dying in hospitals outside the district are included in the deaths. The death rate of 14 is higher than usual, the average for the last ten years being 12.

The increase in the death rate was probably due to the inclemency of the weather during the year, as shown by the death rate from chest diseases, there being 20 deaths from pneumonia, against 9 in 1906; 11 deaths from heart diseases, against 8 in 1906; and 7 deaths from phthisis, against 4 in 1906. The were also 3 deaths from erysipelas, against none in 1906.

The following Table shows the sex of the persons dying, and the death rate in the different localities of the district :—

Township	Males	Females	Total	Death Rate
Barton Moss	4	2	6	25
Davyhulme	18	7	25	18
Flixton	19	27	46	10
Clifton	26	24	50	16
Whole District	67	60	127	14

INFANT MORTALITY.

Twenty deaths of children under one year of age were registered, giving a death rate for children under one year of age of 82 to 1,000 births, as compared with 139 for the County of Lancaster.

This is a low infant mortality, the average for the previous ten years being 122.

The following Table shows the number of deaths from all causes: the seven principal infectious diseases, viz., small-pox, measles, scarlet fever, diphtheria and membranous croup, whooping cough, "fever," and diarrhœa; and phthisis, with the death rates per thousand population of each Township in the district:—

Township	All Causes		Infectious Diseases		Phthisis	
	Deaths	Death Rate	Deaths	Death Rate	Deaths	Death Rate
Barton Moss	6	25	—	—	1	4
Davyhulme	25	18	2	1·4	1	·7
Flixton	46	10	1	·2	2	·4
Clifton	50	16	4	1·2	3	·9
Whole District	127	14	7	·7	7	·7

INFECTIOUS DISEASES.

The new cases of infectious diseases that have been reported during the year are shown in Table III.

Forty-two cases have been notified during the year, against 67 in 1906, 68 in 1905, and 87 in 1904.

The death-rate from the seven principal infectious diseases was a low one, being ·7, against ·9 in 1906, ·79 in 1905, and 2·1 in 1904.

TYPHOID FEVER.

Only one case of Typhoid was notified during the year, in Clifton, and this proved to be fatal.

SCARLET FEVER.

The number of Scarlet Fever notifications was 28, against 52 in 1906, 37 in 1905, and 43 in 1904. Scarlet Fever caused one death.

DIPHTHERIA.

The number of Diphtheria and Membranous Croup cases notified was 2, against 4 in 1906, 16 in 1905, and 30 in 1904.

SMALL-POX.

No case has occurred. We have a contract with the Salford Corporation for removal to their hospital of any cases which might arise.

METHOD OF DEALING WITH INFECTIOUS DISEASES.

Each case notified is visited as early as possible; isolation is enjoined, either at home or by removal to the Ladywell Sanatorium, and all children from the infected house are prevented from attending school until such time that a certificate of freedom of the house from infection is issued to the Schoolmaster.

Disinfection of wearing apparel, discharges, drains, and privies is carried out, and at the termination of the illness the room and its contents are thoroughly fumigated, either with sulphur or formaldehyde gas; such articles as require it being submitted to Lyon's superheated steam disinfector, or destroyed and compensation granted.

Disinfectants, free of cost, are provided in each township. Careful inspection of the premises is always carried out, and defects, temporal or structural, are rectified.

SCHOOL CLOSURE.

School closure has not been necessary during the year.

WATER SUPPLY.

The whole district, except a few scattered dwellings, is supplied by town's water, partly by Manchester and partly by Bolton.

SCAVENGING.

At Clifton, the emptying of ashpits and disposal of house refuse is carried out in a satisfactory manner by a contractor.

At Flixton, the Council undertakes the duty of dealing with all ashpits, a contract being made for the necessary team labour, the Council employing its own manual labour.

At Davyhulme, the Council have undertaken the emptying of ashpits and disposal of house refuse by contract.

At Barton Moss the occupiers are mostly farmers, who attend to this work themselves.

OFFENSIVE TRADES.

One works for Tallow Melting, in Trafford Park, is in operation under Section 112 of the Public Health Act, 1875.

SLAUGHTER-HOUSES AND DAIRIES.

Slaughter-houses and Dairies have been duly inspected and found satisfactory.

No houses unfit for human habitation have come under our notice during the year.

FACTORY AND WORKSHOP ACT, 1901.

The sanitary conditions of the workshops and work places have not called for any special action, except in one instance, where the sanitary accommodation was insufficient, and this was remedied.

Section 22 of the Public Health Acts Amendment Act,

1890, has been adopted by the District Council, the standard being for females, 1 to 20 employed, and for males, 1 to 30 employed.

There are no cases of overcrowding, the places on the register being of recent construction and satisfactory in condition.

Want of cleanliness was found in two instances, and this has been remedied.

No case of infectious disease has arisen in connection with any of the places on the register. Only two of the bakehouses in the district are underground, and they are in order.

The Table supplied by the Secretary of State is appended, duly filled in.

A. E. BERRY, M.D. (Lond.),
M.R.C.S. (Eng.), L.R.C.P. (Lond.),
Medical Officer of Health.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
Factories	6	1	...
Workshops	46	2	...
Workplaces	...	...	...
Total	52	3	...

2.—DEFECTS FOUND.

PARTICULARS	Number of Defects			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
Nuisances under the Public Health Acts :—				
Want of cleanliness	2	2	...	...
Want of ventilation	...	...	...	...
Overcrowding	...	...	...	...
Want of drainage of floors	...	...	...	...
Other nuisances	...	...	...	...
Sanitary accommodation: insufficient	1	1	...	...
Sanitary accommodation: unsuitable or defective ...	...	...	...	...
Sanitary accommodation: not separate for sexes ...	...	...	...	...
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground Bakehouse (s. 101)	...	...	...	...
Breach of special sanitary requirements for Bakehouses (ss. 97 to 100) ...	...	...	...	...
Other offences	...	...	...	...
Total	3	3	...	...

3.—HOME WORK.

	Number.
Numbers of Addresses of Outworkers received from other Councils	4
Number of Addresses of Outworkers forwarded to other Councils	2
Number of Inspections of Outworkers' premises	8

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year—

Bakehouses	6	
Laundries	1	
Tailors and Dressmakers	3	
Hamper Makers	2	
Joiners and Wheelwrights	3	
Smithy	1	
Petroleum-barrelling Works, &c.	7	
Total number of Workshops on Register ...	—	23

5.—OTHER MATTERS.

Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5).

Notified by H.M. Inspector	1
Reports (of action taken) sent to H.M. Inspector ...	1

Underground Bakehouses (s. 101)—

In use at the end of the year	2

TABLE I.—Vital Statistics of Whole Districts during 1907 and previous Years.

BARTON-UPON-IRWELL RURAL.

Year	Population estimated to Middle of each Year	Births		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age		At all Ages						
		Number	Rate*	Number	Rate per 1,000 Births registered	Number	Rate*				Number	Rate*
1	2	3	4	5	6	7	8	9	10	11	12	13
1897	7704	216	28	29	134	110	14	...	...	...	...	...
1898	7794	205	26	27	131	106	13	...	...	...	...	...
1899	7885	203	25	30	147	99	12	...	...	...	...	...
1900	7976	209	26	29	138	117	14	...	...	9	126	15
1901	8068	192	23	19	98	103	12	...	...	9	112	13
1902	8244	213	25	25	117	120	14	...	...	18	138	16
1903	8484	216	25	28	129	97	11	...	...	11	108	12
1904	8694	231	26	37	160	129	14	...	...	13	142	16
1905	8754	215	24	22	102	98	11	...	...	12	110	12
1906	8864	218	24	14	64	89	10	...	...	7	96	10
Averages for years 1897-1906	8246	211	25	26	122	106	12	...	...	...	...	...
1907	9030	241	26	20	82	115	12	..	...	12	127	14

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 6,865

Total population at all ages.....8,068
Number of Inhabited Houses 1,726
Average number of persons per house ... 4·6
At Census of 1901.

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District	III. Other Institutions, the deaths in which have been distributed among the several localities in the District
	1. The Union Infirmary, Patricroft Workhouse	Ladywell Sanatorium, Salford.
	2. Urmston Cottage Hospital	
	3. Manchester Royal Infirmary	
	4. Pendlebury Children's Hospital	
	5. Salford Royal Hospital	

Is the Union Workhouse within the District? No.

TABLE II.—Vital Statistics of Separate Localities in 1907 and Previous Years.

BARTON-UPON-IRWELL RURAL DISTRICT.

Names of Localities	Whole District				Barton Moss				Davyhulme				Flixton				Clifton			
Year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year	Population estimated to middle of each year	Births Registered	Deaths at all Ages	Deaths under 1 year
1897 ...	7704	216	110	29	235	6	5	2	1283	33	14	2	3308	82	37	5	2900	95	54	20
1898 ...	7794	205	106	27	235	3	3	1	1270	28	12	4	3395	83	30	8	2900	91	61	14
1899 ...	7885	203	99	30	235	5	2	2	1257	22	14	4	3482	83	36	10	2920	93	47	14
1900 ...	7976	209	126	29	235	11	1	...	1244	27	22	3	3569	91	45	9	2920	80	58	17
1901 ...	8068	192	112	19	234	4	5	1	1231	30	18	2	3656	88	42	6	2947	70	47	10
1902 ...	8244	213	138	25	234	5	3	...	1240	15	16	2	3800	101	66	12	2970	92	53	11
1903 ...	8484	216	108	28	234	7	5	1	1250	31	12	3	4000	105	45	10	3000	73	46	14
1904 ...	8694	231	142	37	234	7	2	1	1330	34	28	7	4100	101	55	8	3030	89	57	21
1905 ...	8754	215	110	22	234	4	4	2	1330	33	24	5	4150	105	42	5	3040	73	40	10
1906 ...	8864	218	96	14	234	7	2	1	1340	36	17	6	4210	98	40	3	3080	77	37	4
Averages of Years 1897 to 1906 ...	8246	211	114	26	234	6	3	1	1277	28	17	3·8	3767	93	43	7	2970	83	50	13
1907	9030	241	127	20	234	5	6	...	1370	36	25	5	4320	129	46	9	3106	71	50	6

TABLE III.—Cases of Infectious Disease notified during the Year 1907.

BARTON-UPON-IRWELL RURAL DISTRICT.

NOTIFIABLE DISEASES	CASES NOTIFIED IN WHOLE DISTRICT							TOTAL CASES NOTIFIED IN EACH LOCALITY				NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY			
	At all Ages	At Ages—Years.													
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	Barton Moss	Clifton	Davyhulme	Flixton	Barton Moss	Clifton	Davyhulme	Flixton
Small-pox	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ... / Membranous croup	2	...	1	1	...	...	...	..	1	...	1	..	...	...	...
Erysipelas	11	2	1	2	...	6	...	...	3	2	6	...	...	...	...
Scarlet fever	28	...	5	23	...	...	...	3	11	1	13	...	5	...	8
Typhus fever	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric fever	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...
Relapsing fever ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued fever ...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...
Plague...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Totals	42	2	7	26	...	7	...	3	16	3	20	...	5	...	8

TABLE IV.—CAUSE OF, AND AGES AT, DEATH DURING YEAR 1907.

BARTON-UPON-IRWELL RURAL DISTRICT.

CAUSES OF DEATH	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the district			
	All ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Barton Moss	Davyhulme	Flixton	Clifton
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*
Small-pox	...	...	..	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...	1	...
Scarlet fever...	1	...	...	1	...	..	...	...	...	...	1
Whooping-cough	4	2	2	...	...	...	...	...	2	...	2
Diphtheria and Membranous croup ...	...	...	...	...	...	...	...	...	...	...	...
Croup	1	...	1	...	...	...	..	..	1	...	..
Fever — Typhus	...	...	...	...	...	...	...	...	...	...	...
Fever — Enteric	1	...	...	..	...	1	...	...	...	...	1
Fever — Other continued	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza	2	...	...	...	...	1	1	1	...	...	1
Cholera	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	..	..	...	...
Puerperal fever	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	3	2	...	...	...	1	...	...	...	2	1
Other septic diseases	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	7	...	...	...	2	5	...	1	1	2	3
Other tubercular diseases	4	...	3	...	...	1	...	...	...	1	3
Cancer, malignant disease	12	...	...	...	1	8	3	1	5	6	...
Bronchitis	6	2	1	...	...	2	1	1	1	3	1
Pneumonia	20	2	4	2	2	7	3	...	3	6	11
Pleurisy	...	...	...	...	...	...	...	...	...	...	...
Other diseases of Respiratory organs ...	...	...	...	...	...	...	..	...	...	...	..
Alcoholism / Cirrhosis of Liver	1	...	...	...	...	1	...	...	...	...	1
Venereal Diseases	...	...	...	...	...	...	...	...	..	...	...
Premature birth	5	5	...	...	...	...	...	...	1	2	2
Diseases and accidents of parturition ...	2	...	...	...	...	2	...	...	...	1	1
Heart diseases	11	...	...	...	...	4	7	...	4	4	3
Accidents	5	1	1	...	2	1	...	...	2	1	2
Suicides	...	...	...	...	...	...	...	...	...	...	...
All other causes	41	6	4	1	3	13	14	2	5	17	17
All causes	127	20	17	4	10	47	29	6	25	46	50

TABLE V. BARTON-UPON-IRWELL RURAL DISTRICT.

Infantile Mortality during the Year 1907.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH	Undr 1 Wk	1-2 Wks	2-3 Wks	3-4 Wks	Total under 1 Month	1-2 Mths	2-3 Mths	3-4 Mths	4-5 Mths	5-6 Mths	6-7 Mths	7-8 Mths	8-9 Mths	9-10 Mths	10-11 Mths	11-12 Mths	Total D'ths under 1 Year
All Causes Certified	4	2	2	3	11	2	1	2	1	...	1	...	...	1	...	1	20
All Causes Uncertified	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases—																	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...
Measles	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Scarlet Fever	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	..	...	...	...	1	...	..	...	...	...	...	1	...	...	2
Diarrhœal Diseases—																	
Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis, Muco-enteritis, Gastro-en-[teritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gastritis, Gastrointestinal Catarrh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasting Diseases—																	
Premature Birth	3	1	...	1	5	...	...	...	...	...	...	...	...	...	...	...	5
Congenital Defects	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Want of Breast Milk, Starvation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus... ...	...	1	...	1	2	1	...	1	...	...	...	...	...	...	..	...	4
Tuberculous Diseases—																	
Tuberculous Meningitis ... [terica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis, Tabes Mesen-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes—																	
Erysipelas	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	2
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (*Not Tuberculous*)	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Convulsions	1	...	1	...	2	...	..	...	...	...	...	...	...	...	...	...	2
Bronchitis	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	2
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	2
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Accident—Burns	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
	4	2	2	3	11	2	1	2	1	...	1	...	...	1	...	1	20

BARTON-UPON-IRWELL RURAL DISTRICT. Population, estimated to middle of 1907, 9030.

Births in the year—Legitimate, 237; Illegitimate, 4. Deaths in the year of Legitimate Infants, 19; Illegitimate Infants, one.

Deaths from all Causes at all Ages, 127.

SURVEYOR'S REPORT.

SURVEYOR'S OFFICE,
PATRICROFT,
January 31st, 1908.

To the Chairman and Members of the Barton-upon-Irwell Rural District Council.

GENTLEMEN,

I beg to submit my first Annual Report, and to ask you to excuse any imperfections therein which may be caused by my not having had full acquaintance with the work of my department for the past twelve months.

FLIXTON PAROCHIAL COMMITTEE.

S. HEYWOOD, Esq., Chairman.

The number of houses erected in Flixton during the past year was 24.

The following Table gives the number of houses erected in this district during the last ten years:—

1898	*1899*	*1900*	*1901*	*1902*	*1903*	*1904*	*1905*	*1906*	*1907*
72	53	62	33	31	15	6	79	63	24

The Parochial Committee has under its charge 6 miles, 2 furlongs, and 194 yards of highways, comprising 4 miles, 1 furlong, and 35 yards of secondary roads, *i.e.*, roads towards which the County Council makes a grant in aid; and 2 miles, 1 furlong, and 159 yards of other roads, which are maintained wholly at the cost of the Parochial Committee.

The roads are as follows :—

Roads	County Council Reference No.	Grant	Name of Road	Length		
				Miles	Furlongs	Yards
		£				
Secondary Roads	350	100	Irlam			
			Church	2	4	112
			Flixton			
	351	24	Woodsend	...	6	99
	352	46	Flixton	...	6	44
				4	1	35
Other Roads.....			Goldsworthy Road ...	...	...	177
			Whitelake Avenue ...	...	...	290
			Moorside Road	...	1	176
			Western ,, ...	...	1	88
			Carrington ,, ...	...	2	100
			Brook ,, ...	...	1	198
			Chassen ,, ...	...	3	198
			Lime Avenue	...	...	188
			The Hollies	...	...	72
			Back Streets	...	1	11
			Princess Road	...	1	124
			Back Barton Avenue, North and South ...	...	...	77
				2	1	159

The following works upon highways have been carried out during the past year :—

FLIXTON ROAD (Secondary Road No. 352).

From the boundary at Urmston to Chassen Road, and from Delamere Road to the junction of Irlam Road, the roadway has been coated with 2in. macadam and steam rolled, at a cost of £193 14s. 3d.

WOODSEND ROAD (Secondary Road No. 351).

From the boundary at Calderbank to the Flixton Union the roadway has been coated with macadam and steam rolled, at a cost of £110 9s. 8d. A surface water drain has also been

laid for a length of 270 yards, and the necessary gullies and grids fixed, at a cost of £56 13s. 5d.

Irlam Road (Secondary Road No. 350).

The repaving of the sett pavement and covering of the macadam side for a length of 200 yards with 2in. macadam has been completed and steam rolled, at a cost of £34 0s. 3d.

Church Road (Secondary Road No. 350).

A crossing has been paved with grit setts opposite Barnfield Avenue, at a cost of £4 11s. 8d.

Flixton Road (Secondary Road No. 350).

From the junction of Irlam Road to Western Road the macadam side of this road has been covered with 2in. macadam and steam rolled, at a cost of £41 14s. 4d.

The footpaths also have received attention generally, and the general work of the district attended to.

Brook Road.

Satisfactory arrangements have been made with the owners of the land on the west side of this road between Beech Avenue and Moorside Road, for the giving up sufficient land to widen the road to twelve yards, and this work will probably be completed before the end of the financial year, at an estimated cost of £81 18s.

The owners of the land are Messrs. Newton and Bennett.

Bye-Law Plans.

Plans have been laid before the Committee and approved for :—

New Streets	Dwelling Houses	Other Buildings
3	16	3

DAVYHULME PAROCHIAL COMMITTEE.

The negotiations between this Committee and the Manchester Corporation as to the land obtained at Bent Lanes for Sewage Outfall Works for the district, and referred to in the

late Surveyor's Annual Report for last year, have been satisfactorily completed, and the necessary agreement has been duly executed by the Rural District Council and the Manchester Corporation.

No Private Street Works have been executed in this Township during the past year.

The following Table gives the number of houses built in Davyhulme during the past ten years :—

1898	*1899*	*1900*	*1901*	*1902*	*1903*	*1904*	*1905*	*1906*	*1907*
1	0	0	0	4	17	22	8	0	0

The following plans have been laid before and approved by the Committee :—

New Streets	Dwelling Houses	Other Buildings	Works
0	3	4	4

Highways.

The Committee has under its charge 5 miles, 1 furlong, and 56 yards of highways, made up of Secondary Roads receiving a grant from the County Council in aid, and other roads, the cost of which is wholly borne by the Committee, as follows :—

Roads	County Council Reference No.	Grant	Name of Road	Length		
				Miles	Furlongs	Yards
		£				
Secondary Roads	351	42	Davyhulme Lane ...	1	3	7
	351	12	Crofts Bank Road ...	...	3	30
	349	18	Moss Road	...	2	109
				2	0	146
Other Roads ...			Redcliffe Road	...	5	130
			Bent Lanes	1	1	...
			Moorside Road	1	2	...
				3	..	130

The following works have been carried out on the highways during the past year:—

Bent Lanes (Other Roads).

The conversion of a length of 183 yards of boulder paving into macadam has been completed at a cost of £35 8s. 3d.

Moss Road (Secondary Road No. 349).

The forming of a footpath for a length of 140 yards with 12in. × 7in. dressed kerbs, and two rows of 6in. grit setts for the channels, and the fixing complete of three gullies and grids has been carried out at a cost of £44 17s. 8d.

A length of 150 yards of roadway and the steam rolling thereof has also been done at a cost of £47 13s. 9d.

Davyhulme Road (Secondary Road No. 351).

This Road has been covered with 2in. macadam, and steam rolled, from the Nag's Head to the Primitive Methodist Chapel, at a cost of £119 14s. 8d.

Moorside Road (Other Roads).

From Davyhulme Road, past the Schools, a length of 160 yards has been coated with macadam, and steam rolled, at a cost £32 12s. 0d.

Davyhulme Main Road.

One County Main Road extending from Barton Bridge to the Stretford boundary at Lostock and measuring 2 miles, 3 furlongs, 13 yards, is repaired by the Rural District Council as Contractors to the County Council.

During the past year a length of about 400 yards of roadway on both sides of Croft's Bank Bridge has been converted from sett paving (½ width) to macadam, the old setts broken up and made into underbed, and the whole width of roadway covered with macadam, and steam rolled, at a total cost of £200 4s. 5d., towards which Special Works the County contributes £200.

Improvement near the Nag's Head Hotel.

The road opposite the Nag's Head Hotel has been much improved by the removal of the old barn which formerly abutted

on the road, and by the setting back of the fence so as to round off the South side of the road at this point.

Including the purchase of land from the Trustees of Sir Humphrey de Trafford's Estates, cost of rebuilding the barn in new position, fencing and road work, the cost of this improvement has been £185 11s. 4d., and towards this the County Council contributes £60.

BARTON MOSS.

You have a length of 1 mile, 6 furlongs, 98 yards of County Main Road (Liverpool Road) for which you receive from the County £160 for maintenance.

Some portions of this road will need repairing both as to the paving and macadam, and will be attended to during the year.

The following Table gives the number of houses built during the last ten years.

1898	*1899*	*1900*	*1901*	*1902*	*1903*	*1904*	*1905*	*1906*	*1907*
2	0	7	0	1	0	0	0	0	0

No plans for new buildings have been submitted for approval during the past year.

Unemployed Colony.

Rough wooden buildings have been erected near Liverpool Road at the Salteye Brook as an experiment in housing "the unemployed," by the Manchester Corporation Distress Committee, and these have not been erected in conformity with your Building Bye Laws.

The general condition of these buildings and their surroundings is receiving your attention in the interests of the remainder of the population of your District, and with a view to the improvement thereof so far as may be consistent with the purpose for which they have been erected.

CLIFTON.

You repair the Main Road (Manchester Road) which has a length of 1 mile, 3 furlongs, 23 yards, and the County Grant for this is £100.

The County Council is now engaged in repaving the granite, paving and relaying the flagging of the footpaths of this road, and the work is being carried out by Mr. T. C. Starkey, Contractor, of Hull, for the County Council.

The laying of the light railway along this road was completed early in the year, and the South Lancashire Tramways Company now run a regular service of cars from the terminus at the Pendlebury boundary to Bolton.

You have also one Secondary Road (Rake Lane) No. 326, for which you receive a grant in aid from the County Council of £40.

The length of this road is 1 mile, 0 furlongs, 136 yards.

The following is a list of the other roads and highways which are maintained by you :—

	Fur.	Yds.
Billy Lane	1	80
Vickers Street	0	158½
Berry Street	0	102½
Richmond Street	0	45
Holt Street	0	44
Back Richmond Street	0	24
Back Manchester Road, South	0	113
Back Manchester Road	0	45
Lomax Street	0	110
Back Berry Street	0	45
Gaskell Street	0	66½
Back Vickers Street	0	100
Rose Hill Street	0	108⅔
Side Street A	0	20
Back Passage off Holt Street	0	17
Wroe Street	0	110⅖
Lomas Street, off Wroe Street	0	27
Back Manchester Road, off Wroe Street	0	30
Back Manchester Road, off Wroe Street	0	27
Cotton Street	0	56
Fitton Street	0	88½
Battery Street	0	108
Back Fitton Street, South	0	37½
Clough Street	0	65
Back Fitton Street, North	0	33⅓
Back Cotton Street	0	38
Back Manchester Road, North	1	72⅓
Side Street No. 1	0	89
Side Street No. 2	0	29
Thomas Street	0	29
Side Street No. 4	0	29
Side Street No. 5	0	29
Back New Rake Lane	0	10
Miles	2 5	120

The following Table gives the number of houses erected in Clifton during the last ten years :—

1898	*1899*	*1900*	*1901*	*1902*	*1903*	*1904*	*1905*	*1906*	*1907*
2	0	0	0	0	0	4	0	0	0

The following plans have been laid before and approved by you :—

New Streets	Dwelling Houses	Other Buildings
0	0	1

Sewage Outfall Works, Coppice Clough.

The Sewage Works continue to give good results, as shown by the analysis of the Mersey and Irwell Joint Committee given below :—

February	May	October
·38	·90	·55

These percolating filters were made in 1891, and have been in constant use since.

Main Sewers.

The lengths of your Main Sewers are as follows :—

	M.	F.	Yds.
Main trunk sewers	1	3	96
New intercepting sewer	0	1	180
Tributary sewers	1	3	187
Total...	3	1	23

The main sewers are constantly receiving attention, and are flushed and cleansed periodically.

Unity Brook Septic Tank.

Owing to the complaints of the Mersey and Irwell Joint Committee as to the quality of the effluent from this tank, the Clifton and Kearsley Colliery Company have agreed to convert the two lower chambers of the existing septic tank into dosing

cinder filters, and this work is being carried out forthwith, and it is expected that the alterations will obviate any further complaint from the Joint Committee.

General.

The routine work of your District, including repairs to highways, the supervision of building plans and buildings in course of erection, sewers, drains, and outfall sewage works, have been satisfactorily carried on during the past year.

County Council Grants in Aid of Main Roads.

As I consider that the grants for the past year made by the County Council for maintenance of main roads are insufficient for proper maintenance, I propose to submit estimates for increased amounts to the County Council for the ensuing financial year.

I am, Gentlemen,

Your obedient Servant,

A. H. MOUNTAIN,
Assoc. Mem. Inst. C.E.,
Surveyor.

SANITARY INSPECTOR'S ANNUAL REPORT.

INSPECTOR'S OFFICE, PATRICROFT,
February 12th, 1908.

To the Chairman and Members of the
Barton Rural District Council.

GENTLEMEN,

I have the honour to submit herewith my First Annual Report.

During the first six months of the year the duties were carried out by your late Inspector, Mr. Bland, and I herewith desire to express my grateful acknowledgment for the assistance so willingly given to me, by him, in taking over the various duties of the office.

The work has been carried out on much the same lines as in previous years, and it has not been necessary to resort to legal proceedings in any of the various matters dealt with.

TABLE I.

From January 1st to December 31st, 1907.	Barton Moss	Clifton	Davy-hulme	Flixton	Total
Number of Houses Visited and Sanitary Conditions reported upon	1	50	17	59	127
Number of Houses—Legal Notices served for the Abatement of Nuisances	...	2	1	1	4
Number of Houses—Notices by Letter in lieu of Formal Notice	1	10	14	29	54
Number of Houses—Drains and Ditches Cleansed	...	8	4	5	17
Number of Houses—Drains trapped, disconnected, or ventilated	...	1	5	...	6
Number of Houses Provided with New Drains	...	2	5	4	11
Number of Houses—Ashpits built up, covered in, and otherwise repaired	...	1	...	14	15
Number of Houses Provided with Water Closets in lieu of Privies	..	...	5	4	9
Number of Houses—Portable Dust Bins provided in lieu of Ashpits	...	...	2	21	23
Number of Houses Lime-washed and Cleansed	1	14	3	10	28
Number of Houses—Other Nuisances dealt with	...	8	6	6	20
Total	1	34	30	64	129

CLIFTON.

The collection and disposal of house refuse is let by contract, and same has been carried out satisfactorily, only three applications have been received from householders to remove their refuse, testifying to the efficient manner in which the ashpits are dealt with.

One sample of drinking water has been taken from a well in Rake Lane and analysed by the County Analyst, same having been certified as wholesome.

DAVYHULME.

The removal of house refuse in this district is also let by contract, and the work is carried out in a satisfactory manner.

The cleansing of Carr's Ditch has been carried out at the joint cost of Davyhulme and Urmston.

No complaints have been made with regard to the Tallow Melting Works in Trafford Park, erected under Section 112 of the Public Health Act, 1875.

FLIXTON.

The collection and disposal of refuse in this Township has been carried out as in previous years, viz. :—The Team Labour is let by contract, and the refuse receptacles are emptied by men employed by the Council.

The number of dust bins is increasing enormously, all new property being supplied with them, also the conversion of the existing privies and ashpits into water-closets with dust bins is receiving attention.

The number of refuse receptacles is as follows :—

TABLE II.

Wet Pits		Dry Pits		Bins	TOTAL
Double	Single	Double	Single		
134	118	64	106	501	923

The portion of Carr's Ditch from the east side of Brook Road to the Urmston boundary has been cleansed.

SLAUGHTER-HOUSES.

There are 5 slaughter-houses in the District, 3 in Flixton, and 2 in Clifton. The premises have been kept in good condition, a good standard of cleanliness being maintained.

All the slaughter-houses are visited at least once per week.

DAIRIES AND COWSHEDS.

The number and names on the register as Cowkeepers and Purveyors of Milk, are :—

Barton Moss.	Clifton.	Davyhulme.	Flixton.	Total.
5	10	9	12	36

The regulations respecting limewashing and cleansing have been complied with.

FACTORY AND WORKSHOPS ACT, 1901.

There are 3 factories and 24 workshops within the district, same have been visited regularly, and in only two instances has it been necessary to draw the occupier's attention to the want of cleanliness.

The Factory Inspector reported that there was insufficient sanitary accommodation at one of the factories, this defect, on drawing the owner's attention to same, was immediately remedied, two additional closets being provided, thus allowing one closet for every 25 persons employed at the works.

TABLE III.—FOOD AND DRUGS ACTS.

No.	Nature of Sample	Result of Analysis	Where Purchased			
			Barton Moss	Clifton	Davy-hulme	Flixton
6	Milk	Genuine ...	...	4	2	...
2	Pepper ...	Do. ...	...	...	1	1
1	Butter ...	Do. ...	...	...	...	1
1	Mustard ...	Do. ...	...	...	...	1
1	Coffee	Do. ...	...	...	...	1
11		All Genuine	...	4	3	4

The above statement, supplied to me by Inspectors Haworth and Petch, of the County Police, show the number of samples taken within the different Townships of the district.

All the samples were certified by the Analyst as genuine.

INFECTIOUS DISEASES.

The number of houses reported as containing one or more cases of infectious disease will be seen on reference to Table IV., also a comparison with previous years. Table V. gives a monthly record of the cases occurring in each Township.

TABLE IV.

Nature of Disease	1902	1903	1904	1905	1906	Average for 5 years	1907
Scarlet Fever	41	36	36	31	38	36·4	21
Diphtheria	59	44	22	14	3	28·4	1
Croup	1	1	1	...	1	·8	1
Puerperal Fever	1	...	...	1	1	·6	...
Enteric Fever	5	3	4	3	5	4·0	1
Typhus	1	...	...	...	0	·2	...
Erysipelas	10	9	10	11	5	9·0	10
Total	118	93	73	60	53	79·4	34

TABLE V.

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
Barton Moss.													
Scarlet Fever	...	3	...	...	...	...	...	...	...	...	...	...	3
Total	..	3	...	...	...	...	...	...	...	...	...	...	3
Clifton.													
Scarlet Fever	...	...	1	1	...	...	...	...	...	2	6	1	11
Croup	1	...	...	...	...	...	...	...	...	...	...	...	1
Enteric	...	...	...	...	...	...	...	...	...	1	...	...	1
Erysipelas	1	...	1	1	...	...	...	...	...	...	...	...	3
Total	2	...	2	2	...	...	...	...	...	3	6	1	16

TABLE V.—*(Continued).*

Nature of Disease	January	February	March	April	May	June	July	August	September	October	November	December	Total
Davyhulme.													
Scarlet Fever....	...	...	1	...	...	...	...	...	...	...	...	...	1
Erysipelas	...	1	...	1	...	...	...	...	...	...	...	...	2
Total.....	...	1	1	1	...	...	...	...	...	...	...	...	3
Flixton.													
Scarlet Fever....	...	...	...	...	2	...	...	2	7	...	2	...	13
Diphtheria.....	...	...	...	...	...	...	...	...	1	...	...	...	1
Erysipelas	2	...	1	...	...	1	...	..	...	1	1	...	6
Total.....	2	...	1	...	2	1	...	2	8	1	3	...	20
Total for all Districts...	4	4	4	3	2	1	...	2	8	4	9	1	42

Thirteen cases of Scarlet Fever were removed to Ladywell Sanitorium.

Bedding from 24 houses has been disinfected at the Mode Wheel Disinfecting Station. Twenty-six houses have been disinfected.

The free distribution of disinfectants from convenient stations in each Township still continues, a reasonable quantity being used.

HACKNEY CARRIAGES.

The Licenses held during 1907 at Flixton were all renewed, no complaints being received in respect of same.

The Gas Car licenses for Trafford Park Estate Limited were renewed.

PETROLEUM ACTS.

The Davyhulme Committee have considered and approved applications for licenses as follows :—General Petroleum Co.

Ltd., storage of motor spirit; Trafford Park Estates Co. Ltd., storage of carbide of calcium; General Oil Storage Co. Ltd., storage of carbide of calcium.

PUBLIC LIGHTING.

The lighting of the parish of Clifton has been put in a more satisfactory condition. All the lamps on the main road have been converted to incandescent burners; 20 bracket lamps have been fixed on to the electric tramway standards; 13 lamp pillars have been removed to more satisfactory positions; 7 extra lamps have been erected—6 in Dixon Fold Road, and 1 in Vickers Street. Thirty-four of the old lamps on the main road have been repaired, as same having been in use a great number of years, it will be necessary before long to replace these old lamps with new lanterns.

No extra lamps have been erected in Barton Moss or Davyhulme.

In Flixton the following extra lamps have been erected:—Victoria Road, 1; Barnfield, 1; Brook Road, 1. Total—139.

With the exception of the 10 lamps in the side streets of Manchester Road, Clifton, and the 6 oil lamps in Bent Lanes, the whole of the principal roads in the district are lit with incandescent lights.

I am, Gentlemen,

Your obedient Servant,

GEORGE PILKINGTON,

Cert. San. Inspt.; Cert. Meat and other Foods Inspt.